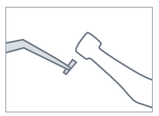
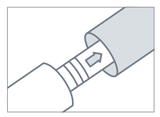
Steps for the reprocessing of KaVo instruments.

1. Preparatory steps.

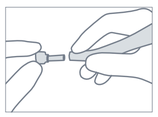
To minimise the risk of infection, always wear protective gloves.



Remove the bur from the chucking system.



Remove the instrument from the motor coupling or the turbine from the quick coupling.



Instruments with interchangeable heads: remove the heads from the base for separate reprocessing.

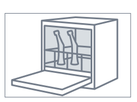
Wipe the outside of instruments immediately after the end of the treatment with an approved disinfectant.

2a. Work Steps – Mechanical procedure.

1 Pre-Cleaning

Brush off any residual cement, composite and blood under running tap water.

2 External and internal cleaning / disinfection



KaVo recommends washer disinfectors in accordance with EN ISO 15883-1 that are operated with alkaline cleaning agents that have a pH value of max. 10.*

- In order to ensure residual liquids do not damage the KaVo medical device, the interior and the exterior must be dried
- Remove any residual liquids from the interior and exterior of the medical device using KaVo DRYspray**
- Oil the handpiece immediately after drying

3 Lubrication

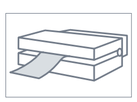
KaVo QUATTROcare PLUS 2124 A:
Care device for perfect and efficient care.

- Reprocess the medical product after every application, i.e. after every cleaning, disinfection and prior to every sterilisation
- Reprocess the head and base separately for instruments with changeable heads

Mechanical chuck servicing
KaVo recommends cleaning and servicing the chucking system once every week.

- Position the chuck adapter on the MULTIflex coupling of the QUATTROcare PLUS
- Position the tip of the spray nipple in the opening of the chuck
- Press the button of chuck servicing

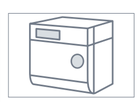
4 Packaging



Oil residues must be removed from the instruments prior to packaging

- The sterilization bag must be large enough for the instrument so that the packaging is not stretched
- Seal the medical device separately in a sterile pack
- Check the sealed seam of the packaging

5 Sterilisation



KaVo products bearing the sterilisation symbol can be sterilised in steam sterilisers (autoclaves) according to EN 13060/ISO 17665-1 and have a maximum temperature stability of up to 138°C.

Sterilisation parameters:
Steam steriliser with triple pre-vacuum:
At least 3 minutes at 134°C - 1°C / + 4°C
(observe the application area of the steam steriliser and the KaVo instructions for use)

- Remove contra-angle handpieces and turbines immediately after the completion of the sterilisation cycle from the steam steriliser
- Reprocessed medical devices must be stored in a dry, dark, cool room, protected from germs and dust, as far as possible

6 Documentation

The process is released in written from on the following basis:

- The correctness of the process sequence must be tested

Sterilisation:

- The packaging must be subjected to a visual inspection
- It must be ensured that the sterile goods are correctly marked
- Process indicators must exhibit a complete colour change
- The correct batch documentation is a prerequisite for the release
- The release of the sterile goods must be documented

2b. Work steps – Manual procedure.

1 External cleaning

Brush the medical device under running tap water.

Accessories required:

- Tap water 30° C ± 5°C
- Medium-hard toothbrush

2 Internal cleaning

KaVo CLEANspray 2110 P:**

Validated manual interior cleaning
(Residual protein removal).

- Cover the medical device with the KaVo Cleanpac bag
- Position the medical device on the corresponding servicing adapter
- Hold the can vertically
- Press the spray button 3 times for 2 seconds each time
- **Allow the spray to take effect for 1 minute**
- If no manual external and internal disinfection follows immediately after cleaning, the medical device must be dried with the KaVo DRYspray**, see 5. Drying.

3 External disinfection

KaVo recommends the following disinfectants based on the compatibility of the materials:

- CaviWipes / CaviCide from Metrex
- Mikrozid AF from Schülke & Mayr (liquid or wipes)
- FD 322 from Dürr
- Follow the instructions for use of the disinfectant
- Spray the disinfectant onto a cloth and wipe down the medical device
- Allow the disinfectant to act according to the instructions of the disinfectant manufacturer

4 Internal disinfection

KaVo recommends the following disinfectant based on the compatibility of the materials:

- WL-cid / ALPRO
- Cover the medical device with the KaVo Cleanpac bag
- Position the medical device on the corresponding servicing adapter
- Hold the can vertically
- Press the spray button for 3 seconds
- Allow the spray to take effect for 2 minutes
- Follow the instructions for use of the disinfectant

⚠ **Hazard due to incomplete disinfection**
The disinfection procedures used must be verified to have bactericidal, fungicidal and virucidal effects.
If the disinfectants used do not offer the prescribed characteristics, the process must be concluded with disinfection of devices in an unpacked condition in the steriliser.

5 Drying

KaVo DRYspray 2117 P:**

Drying the air, water and gear unit ducts

- Cover the medical device with the KaVo Cleanpac bag
- Position the medical device on the corresponding servicing adapter
- Hold the can vertically
- Press the spray once for 3-5 seconds
- Oil handpiece immediately after the drying

6 Lubrication

KaVo Spray 2112 A:

Care spray for optimum care.

- Reprocess the medical product after every application, i.e. after every cleaning, disinfection and prior to every sterilisation
- Cover the medical device with the Cleanpac bag
- Position the medical device on the corresponding servicing adapter
- Press the spray button for 1-2 seconds

Separate head care:

- For optimum care, remove the heads from the reducing shank and treat for 1-2 seconds with a corresponding servicing adapter

Manual chuck servicing

KaVo recommends cleaning and servicing the chucking system once every week.

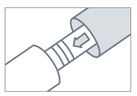
- Position the tip of the spray nipple in the opening of the chuck
- Press the spray button for 1-2 seconds

7 Documentation

The process is released in written from on the following basis:

- The correctness of the process sequence must be tested

3. Putting the products back into clinical use.



Directly prior to providing treatment, attach instruments and turbines onto the motor or MULTIflex coupling.
Activate handpiece and let it run for a few seconds.
Wipe off any escaping lubrication oil.

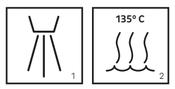
In case of a defect, please visit our website **www.kavobox.com.**

KAVO BOX
Original Factory Repair

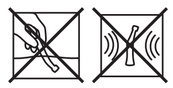
* The validations were conducted with a Miele thermal disinfector using the VARIO-TD program, the cleaning agent neodisher® mediclean, the neutralisation agent neodisher® Z and the rinse agent neodisher® mielclear.

** Please check whether there is a country-specific product approval for KaVo CLEANspray and KaVo DRYspray

Note:
The current regulations on validating the devices and processes locally must be complied with and be instigated and validated by the owner. Please also comply with the detailed information in the instructions for use of the medical devices.



Only KaVo medical devices marked with the thermal disinfection (1) or sterilisation symbol (2) may be processed in the washer disinfector or sterilised in the steam steriliser.



Do not place KaVo instruments and turbines in disinfectant solutions or clean them in ultrasonic devices.

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